

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	5330891
<b>Application Number:</b>	10809538
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6148
<b>Title of Invention:</b>	Interference and noise estimation in an OFDM system
<b>First Named Inventor/Applicant Name:</b>	Arak Sutivong
<b>Customer Number:</b>	23696
<b>Filer:</b>	Jeffrey D. Jacobs/Gina Golia
<b>Filer Authorized By:</b>	Jeffrey D. Jacobs
<b>Attorney Docket Number:</b>	030226
<b>Receipt Date:</b>	13-MAY-2009
<b>Filing Date:</b>	24-MAR-2004
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<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 130
RAM confirmation Number	5923
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Authorized User	

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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		030226_2009-05-13_AMD.pdf	4326805 88f27ab2b8a0d184335b18e5d33ce1d4e4b45da6	yes	16
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment/Req. Reconsideration-After Non-Final Reject		1	1	
	Claims		2	9	
	Applicant Arguments/Remarks Made in an Amendment		10	16	

### Warnings:

The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing

### Information:

2	Fee Worksheet (PTO-875)	fee-info.pdf	30179 48d19c62c4f9e9a45b88aacc36658ebdaf301fb1	no	2
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### Warnings:

### Information:

Total Files Size (in bytes):	4356984
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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.